

Refer to Opening the World of Learning Teachers Edition Unit 6-pgs. 8-9 for a complete list of Unit materials.

Materials Inventory Tub List for OWL Unit 6- Things That Grow

Check Here	Item	Component	# of items	Type of Item	✓ if item needs to be replaced/reordered
	Aqua Plus Tap Water Conditioner	LFOAI/ Small Groups	1	CONSUMABLE	
	Assortment of 54 Piece Animal Puzzles	Let's Investigate (determine quality)			
	Baby Furniture Fliers/Baby Toys	Human Children: They Grow Bigger			
	Bag of Green Bean Seeds or Lima Beans	Weighing Vegetables, Beans, and Seeds	1	CONSUMABLE	
	Assorted Flower, Vegetable and fruit Seed Packets	Investigation Location	6	CONSUMABLE	
	Snails	Centers-Observing Snails	1	CONSUMABLE	
	Earth Worms	Centers-Observing Worms		CONSUMABLE	
	Butterfly/ Frog Life Cycle Model	LFOAI/ Small Groups/ Let's Investigate	1		
	Chinese Writing Samples	Writing Center	2		
	Bag of Cotton Balls	Art	1	CONSUMABLE	
	Digging Tools	From Earlier Units	4		
	Dowel Rods	Transplanting and Measuring Bean Plants	6		
	Farm Toob		1		

Opening the World of Learning Center Time Materials

Unit 6: Things That Grow Week 4

Center	Materials	Center Vocabulary	OWL Teachers Guide Reference Page
<p><u>SAND AND WATER:</u></p> <p>Observing Worms</p> <p>Continue the activities from Week 3</p> <p>Observing Snails</p> <p>(Snails are NOT readily available in Montana. Use butterflies, ants, or other insects if desired)</p> <p>Burrows, Tunnels and Nests</p>	<ul style="list-style-type: none"> worm habitats grass plants worms spray bottles 4 oz. paper cups dull digging tools such as plastic spoons, rakes, small shovels <ul style="list-style-type: none"> spoons small scoops sand rocks short sticks paper towel tubes tag board halves of plastic egg shaped containers disposable bowls plastic models of animals 	<ul style="list-style-type: none"> head tail habitat wiggle observe <ul style="list-style-type: none"> animal names tunnel burrow shelter nest entrance dig 	<p>Pg. 128</p> <p>Pgs. 128-9</p>

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Unit 6: Things That Grow Week 4

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Unit 6: Things That Grow Week 4

	hair, clothing, facial features and accessories <ul style="list-style-type: none"> • safety scissors • glue or double-sided tape • dishes or trays for decorative items 	<ul style="list-style-type: none"> • taller • shorter • curly • straight • trace • grow • decorate • measure 	
<u>ART AREA-EASEL:</u> Painting With a Basic Set of Colors Continue the activity from Week 3	<ul style="list-style-type: none"> • easel • easel paper • paint • paintbrushes • tempera paint in a variety of colors • paint cups • markers 		Pg.129
<u>BLOCKS</u> Plant Nursery Continue activity from Week 3	<ul style="list-style-type: none"> • medium/large flower pots • aprons • small gardening gloves • small rakes • small cultivators • small shovels • newspaper • watering cans • spray bottles • large pebbles and gravel 	<ul style="list-style-type: none"> • nursery • parts of the plants • potting • transplant • cultivate • tend • rotate 	Pg. 129

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Unit 6: Things That Grow Week 4

	<ul style="list-style-type: none"> • bags of potting soil 		
<p><u>PUZZLES AND MANIPULATIVES:</u></p> <p>Animal Matching Games</p> <p>Animal Name Sound and Letter Matching, Sorting Animals, Baby Animal Puzzles</p>	<ul style="list-style-type: none"> • Use a commercial version or make your own • Continue the activities begun in Small Groups, Week 4 		<p>Pg. 129</p> <p>Pgs. 131-132</p>
<p><u>DRAMATIC PLAY:</u></p> <p>Basic House Play</p> <p>Continue the activity from Week 3</p>	<ul style="list-style-type: none"> • Add a few pots and small indoor watering cans 		<p>Pg.129</p>
<p><u>WRITING CENTER:</u></p> <p>Record Booklets</p>	<ul style="list-style-type: none"> • Add My Bean Growing Booklets, and My Worm Book to materials already at the center 		<p>Pg. 129</p>

Opening the World of Learning Center Time Materials
Unit 6: Things That Grow Week 3

Center	Materials	Center Vocabulary	OWL Teachers Guide Reference Page
<p><u>SAND AND WATER:</u></p> <p>Observing Worms</p> <p>Observing Snails</p> <p>(Snails are NOT readily available in Montana. Use butterflies, ants, or other insects if desired.)</p>	<ul style="list-style-type: none"> • worm habitats • grass plants • worms • spray bottles • 4 oz. paper cups • dull digging tools such as plastic spoons, rakes, small shovels 	<ul style="list-style-type: none"> • head • tail • habitat • wiggle • observe 	<p>Pg. 90</p> <p>Pg. 90</p>
<p><u>BOOK AREA:</u></p> <p>Exploring Books</p> <p>Continue the activity from Week 1</p>	<ul style="list-style-type: none"> • a variety of fiction and non-fiction books • plus The Tortilla Factory (U4), Raccoon on His Own, The Puddle Pail, Dreams, Kitten for a Day, and Clap Your Hands (U5) 		<p>Pgs. 13/91</p>

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<p><u>ART AREA-TABLE:</u></p> <p>Pressing Flowers</p> <p>Creating “I Spy” Sculptures</p>	<ul style="list-style-type: none"> • fresh colorful flowers • heavy books or several reams of paper • white or light colored construction • glue sticks • markers • laminator • a variety of seeds • junk materials (See TE for list of items) • small decorative items • pieces of cardboard • glue 	<ul style="list-style-type: none"> • blossoms • petals • fresh • pressed • dried • cardboard • sculpture • button • seashell • seed • delicate • smooth • securely attached 	<p>Pg. 91</p> <p>Pg.91</p>
<p><u>ART AREA-EASEL:</u></p> <p>Painting With a Basic Set of Colors</p>	<ul style="list-style-type: none"> • easel 		<p>Pg.52</p>

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Unit 6: Things That Grow Week 3

Continue the activity from Week 2	<ul style="list-style-type: none"> • easel paper • paint • paintbrushes • tempera paint in a variety of colors • paint cups • markers 		
<p><u>BLOCKS</u></p> <p>Plant Nursery</p>	<ul style="list-style-type: none"> • medium/large flower pots • aprons • small gardening gloves • small rakes • small cultivators • small shovels • newspaper • watering cans • spray bottles • large pebbles and gravel • bags of potting soil 	<ul style="list-style-type: none"> • nursery • parts of the plants • potting • transplant • cultivate • tend • rotate 	Pg. 92
<p><u>PUZZLES AND MANIPULATIVES:</u></p> <p>Measuring With Paper Clips or Clothespins</p>	<ul style="list-style-type: none"> • heavy tag board • pincer clothespins or large paperclips • small rectangular boxes • laminator 	<ul style="list-style-type: none"> • longer • shorter • a lot • more • fewer • equal • measure 	Pg. 92

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Unit 6: Things That Grow Week 3

<p>And One More Makes...</p>	<ul style="list-style-type: none"> • tag or poster board • tickers • double-sided tape • tray • dish 	<ul style="list-style-type: none"> • compare • more • altogether • add 	
<p><u>DRAMATIC PLAY:</u></p> <p>Basic House Play</p> <p>Continue the activity from Week 2</p>	<ul style="list-style-type: none"> • Add a few pots and small indoor watering cans 		<p>Pg.92</p>
<p><u>WRITING CENTER:</u></p> <p>Decorating “My Bean Growing Book”</p> <p>Continue the activity from Week 2</p>	<ul style="list-style-type: none"> • My Bean Growing Booklets from Small Group • markers • crayons • bins for storing • a variety of books about growing seeds 		<p>Pg. 92</p>

Opening the World of Learning Center Time Materials
Unit 6: Things That Grow Week 2

Center	Materials	Center Vocabulary	OWL Teachers Guide Reference Page
<p><u>SAND AND WATER:</u></p> <p>Planting Grass Seeds</p> <p>Water Pressure</p>	<ul style="list-style-type: none"> • disposable aluminum pans • soil • grass seeds • spray bottles • plastic forks • 2 quart-size plastic containers • 3 plastic tubs • 2 buckets • small and large cups • small pieces of plastic straws 	<ul style="list-style-type: none"> • grass • plant • soil • moist • plant • sprinkle • tub • fountain • hole • spout • closer • farther • squirt • drip • stop • leak 	<p>Pg. 51</p> <p>Pg. 51</p>
<p><u>BOOK AREA:</u></p> <p>Exploring Books Continue the activity from Week 1</p>	<ul style="list-style-type: none"> • a variety of fiction and non-fiction books • plus The Tortilla Factory (U4), Raccoon on His Own, The Puddle Pail, 		<p>Pgs. 13/51</p>

Opening the World of Learning Center Time Materials
Unit 6: Things That Grow Week 2

	Dreams, Kitten for a Day, and Clap Your Hands (U5)		
<p><u>ART AREA-TABLE:</u></p> <p>Making Compost</p> <p>Continue the activity from Week 1</p> <p>Making Bird Feeders</p>	<ul style="list-style-type: none"> • vegetable scraps • dried plant parts such as leaves, weeds and grass clippings • small scraps of paper • utensils for cutting and mashing food scraps • hole puncher • shallow trays • small bowls • large bowl • pans • pinecones (or corncobs, stale bread, cardboard tubes) • birdseed • lard or shortening • shallow trays • small cups • string 	<ul style="list-style-type: none"> • compost • seeds • pulp • squish • mash • puree • cut • chop • grind • skin • peel • lard • shortening • pinecone • birdseed • names of birdseed types • stick 	<p>Pgs. 13/51</p> <p>Pg.51</p>

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	<ul style="list-style-type: none"> • smocks 		
<p><u>ART AREA-EASEL:</u></p> <p>Painting With a Basic Set of Colors</p>	<ul style="list-style-type: none"> • easel • easel paper • paint • paintbrushes • tempera paint in a variety of colors • paint cups • markers 		Pg.52
<p><u>BLOCKS</u></p> <p>Playing With Blocks</p> <p>Continue the activity from Week 1</p>	<ul style="list-style-type: none"> • basic collection of colored blocks • props • paper • markers • masking tape 		Pgs. 14/52
<p><u>PUZZLES AND MANIPULATIVES:</u></p> <p>Playing Numeral Go Fish, Vegetable Memory, Puzzles</p>	<ul style="list-style-type: none"> • Continue the activities from Week 1. • Add Numeral Go Fish from Unit 5 		Pgs. 14/52

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Unit 6: Things That Grow Week 2

	<ul style="list-style-type: none"> • Vegetable picture cards 		
<p><u>DRAMATIC PLAY:</u></p> <p>Basic House Play: Making Soup</p> <p>Continue the activity from Week 1</p>	<ul style="list-style-type: none"> • soup cans • empty boxes of dried soup • cans of beans • pots • bowls • ladles 		Pgs.15/52
<p><u>WRITING CENTER:</u></p> <p>Decorating “My Bean Growing Book”</p>	<ul style="list-style-type: none"> • My Bean Growing Booklets from Small Group • markers • crayons • bins for storing • a variety of books about growing seeds 		Pg. 52

Opening the World of Learning Center Time Materials
Unit 6: Things That Grow Week 1

Center	Materials	Center Vocabulary	OWL Teachers Guide Reference Page
<p><u>SAND AND WATER:</u></p> <p>Playing With Birdseed</p>	<ul style="list-style-type: none"> • 20- lb bag of birdseed • scoops • bowls • spoons 	<ul style="list-style-type: none"> • seed • tiny • skinny • round • flat • sort • compare • measure • pour • scoop 	<p>Pgs. 12-13</p>
<p><u>BOOK AREA:</u></p> <p>Exploring Books</p>	<ul style="list-style-type: none"> • a variety of fiction and non-fiction books • plus The Tortilla Factory (U4), Raccoon on His Own, The Puddle Pail, Dreams, Kitten for a Day, and Clap Your Hands (U5) 		<p>Pg. 13</p>
<p><u>ART AREA-TABLE:</u></p> <p>Printing With Vegetables</p>	<ul style="list-style-type: none"> • vegetables for printing • 11x8 paper • empty squeeze bottles 	<ul style="list-style-type: none"> • vegetable names • inkpad • outline 	<p>Pg. 13</p>

Opening the World of Learning Center Time Materials
Unit 6: Things That Grow Week 1

<p>Making Compost</p>	<ul style="list-style-type: none"> • liquid tempera paint • markers • foam trays • paper towels <ul style="list-style-type: none"> • vegetable scraps • dried plant parts such as leaves, weeds and grass clippings • small scraps of paper • utensils for cutting and mashing food scraps • hole puncher • shallow trays • small bowls • large bowl • pans 	<ul style="list-style-type: none"> • shapes • length • width • cross-section • parts of the vegetables (leaves, root, seeds, stem) • press • print • stamp • overlap • roll • separate <ul style="list-style-type: none"> • compost • seeds • pulp • squish • mash • puree • cut • chop • grind • skin • peel 	<p>Pg. 13</p>
<p><u>ART AREA-EASEL:</u></p>			

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Exploring Green	<ul style="list-style-type: none"> • easel paper • paint 		Pg.14
<u>BLOCKS</u> Playing With Blocks	<ul style="list-style-type: none"> • basic collection of colored blocks • props • paper • markers • masking tape 		Pg. 14
<u>PUZZLES AND MANIPULATIVES:</u> Categorizing Seeds	<ul style="list-style-type: none"> • a variety of seeds • egg cartons • bowls or dishes 		Pg. 14
Inspecting Flower Seeds	<ul style="list-style-type: none"> • packets of a variety of flower seeds • tag board cards • magnifying glass 		Pg. 14

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<p><u>DRAMATIC PLAY:</u></p> <p>Basic House Play: Making Soup</p>	<ul style="list-style-type: none"> • soup cans • empty boxes of dried soup • cans of beans • pots • bowls • ladles 		Pg.15
<p><u>WRITING CENTER:</u></p> <p>Writing Chinese Calligraphy</p>	<ul style="list-style-type: none"> • book The Ugly Vegetables • examples of Chinese writing • globe • map • picture book about China • sentence strips • markers • tag board • hole puncher • metal binder rings 	<ul style="list-style-type: none"> • vegetable • letter • symbol • character • calligraphy • stencil • Chinese • English 	Pg. 15

Refer to Opening the World of Learning Teachers Edition Unit 6-pgs. 8-9 for a complete list of Unit materials.

	Package of Feathers		1	CONSUMABLE	
	Flower Pots	Bean Plant Small Group	20		
	Gardening Gloves		6		
	Can of Lard or Shortening	Making Birdfeeders	1	CONSUMABLE	
	Potato Mashers	Making Compost	4		
	Pots for Plants	Dramatic Play	4		
	Seahorse Figure	Use and Return to Unit 3	1		
	Bird Seed	Sand and Water	1 25lb bag	CONSUMABLE	
	Lard or Shortening	Art			
	Potting Soil (inexpensive)	Sand and Water	1 20lb bag	CONSUMABLE	
	Disposable Aluminum Pans	Sand and Water		CONSUMABLE	
	Clear Plastic Terrarium w/Lid	Sand and Water			
	Sticks/Twigs/Fresh leaves/Grass	Sand and Water		CONSUMABLE	
	Empty Cans of soup	Dramatic Play			
	Indoor Watering Cans	Dramatic Play			

Refer to Opening the World of Learning Teachers Edition Unit 6-pgs. 8-9 for a complete list of Unit materials.

	Globe and Map of China	Writing Center			
	Picture Books about China	Writing Center			
	Picture Books with photos of Sprouting Seeds and Plants				
	Gardening gloves (small)	Blocks			
	Play/Plastic Rakes, Cultivators and Shovels	Blocks			
	Old Gardening Books/Magazines	Blocks			